



DOP No.	2608-01	Unique Product Code	MS
Trading Name	Multisec	Type, Batch, or Serial Number	MS _ - _ - _

Manufacturer:

MHS Radiators Ltd, Unit 4 Genesis, Endeavour Drive, Basildon, SS14 3WF

Tel: 0345 521 5666 | Email: mhs@modularhg.co.uk | Website: www.mhsradiators.co.uk

System of ACVP:

System 3

Declared uses of the product, within the scope of the applicable harmonised technical specification:

Radiators for heating emission meant for permanent installation in heating systems of domestic buildings, supplied by a remote source of hot water or steam with temperature inferior to 110° C (EN 442-1-2 2014).

Notified Laboratory:

Laboratorio M.R.T. - Notified Body Number: 1695

Via Raffaele Lambruschini 4A, 20156 Milano

Tel: 02-23993825 | E-mail: mrt@polimi.it | Website: www.mrt.polimi.it

The notified body performed tests according to harmonised standard UNI EN 442 and released:

Test Report for the determination of the thermal power of an heating element:
N° ENE/MRT.RES.13029,13030,13031,13032,13033 – 6/09/2013;

Pressure Resistance Test Report:
N° 1623 BQ 200 – 23/11/2005.

Harmonised technical specifications:

EN 442-1:2014, PCR-ed4-EN-2021 09 06,
PSR-0011-ed2.0 EN-2023 06 06, ISO 14025:2006, EN15804+A2.

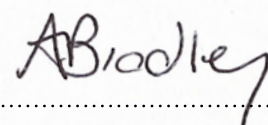
Declared performance:

Performance of the essential characteristics defined by the harmonised technical specification:

Essential Characteristics	Performance
Fire reaction	A1
Release of dangerous substances	NO
Maximum working pressure	10 bar
Pressure tightness	No leakage at 1.3 x working pressure
Pressure resistance	No leakage at 1.69 x working pressure
Maximum surface temperature	110°C
Rated thermal output	See Appendix 1
Thermal output in different operating conditions	See Appendix 1
Characteristic curve	$\Phi = K_m \times \Delta T^n$
Resistance against corrosion	No > 100h
Resistance against minor impact	Class 0

Signed for and on behalf of the manufacturer by:

Alex Bradley
Commercial Director
27/08/26



Appendix 1 - Declared performance:

Performance of the essential characteristics defined by the harmonised technical specification:

	2 Column (Per Section)				
	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K_m	n
Rated thermal output	200	16.8	8.6	0.10145	1.30670
	207	17.5	9.0	0.10721	1.30253
	300	25.6	13.5	0.19452	1.24710
	356	29.8	15.7	0.21983	1.25489
	400	33.0	17.3	0.23746	1.26102
	406	33.4	17.5	0.23997	1.26185
	500	40.1	20.9	0.27341	1.27493
	556	44.0	22.9	0.29132	1.28273
	586	46.1	23.9	0.30033	1.28690
	600	47.1	24.4	0.30440	1.28885
	626	48.9	25.3	0.31174	1.29247
	656	51.0	26.3	0.31987	1.29664
	676	52.4	27.0	0.32509	1.29943
	750	57.6	29.5	0.34310	1.30973
	756	58.0	29.7	0.34448	1.31056
	786	60.1	30.7	0.35117	1.31474
	856	65.1	33.1	0.36563	1.32448
	876	66.5	33.7	0.36949	1.32726
	900	68.1	34.5	0.37395	1.33060
	926	70.0	35.4	0.38244	1.33164
	956	72.1	36.5	0.39216	1.33284
	1000	75.2	38.0	0.40626	1.33460
	1056	79.2	40.0	0.42399	1.33684
	1200	89.5	45.1	0.46844	1.34260
	1500	111.0	55.8	0.55646	1.35460
	1656	123.1	61.6	0.61469	1.35469
	1800	134.1	67.1	0.66945	1.35478
	1856	138.4	69.3	0.69102	1.35481
	2000	149.8	75.0	0.74724	1.35490
	2056	154.2	77.2	0.76940	1.35493
	2200	165.9	83.0	0.82719	1.35502
	2500	190.9	95.5	0.95154	1.35520

Appendix 1 - Declared performance:

Performance of the essential characteristics defined by the harmonised technical specification:

	3 Column (Per Section)				
	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K_m	n
Rated thermal output	200	24.0	12.2	0.13882	1.31720
	207	24.8	12.7	0.14498	1.31408
	300	34.7	18.1	0.23880	1.27260
	356	40.5	21.1	0.27205	1.27906
	400	45.1	23.4	0.29655	1.28413
	406	45.7	23.7	0.29979	1.28483
	500	55.2	28.5	0.34742	1.29567
	556	60.9	31.3	0.37325	1.30213
	586	63.8	32.8	0.38635	1.30559
	600	65.2	33.5	0.39230	1.30720
	626	67.8	34.7	0.40307	1.31020
	656	70.8	36.2	0.41507	1.31366
	676	72.8	37.2	0.42282	1.31597
	750	80.0	40.7	0.44981	1.32450
	756	80.6	41.0	0.45189	1.32519
	786	83.6	42.4	0.46203	1.32865
	856	90.4	45.7	0.48419	1.33673
	876	92.3	46.6	0.49015	1.33903
	900	94.6	47.7	0.49709	1.34180
	926	97.2	48.9	0.50884	1.34253
	956	100.1	50.4	0.52229	1.34338
	1000	104.3	52.5	0.54180	1.34462
	1056	109.5	55.1	0.56625	1.34619
	1200	123.5	61.9	0.62735	1.35025
	1500	152.0	75.9	0.74693	1.35870
	1656	166.7	83.6	0.84894	1.34962
	1800	180.2	90.8	0.94858	1.34124
	1856	185.5	93.6	0.98882	1.33789
	2000	199.0	100.9	1.09629	1.32960
	2056	204.3	103.7	1.13969	1.32634
	2200	218.0	111.1	1.25556	1.31796
	2500	246.0	126.6	1.51800	1.30050

Appendix 1 - Declared performance:

Performance of the essential characteristics defined by the harmonised technical specification:

	4 Column (Per Section)				
	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K_m	n
Rated thermal output	200	30.8	15.7	0.17563	1.32110
	207	32.0	16.3	0.18528	1.31715
	300	46.5	24.5	0.33198	1.26470
	356	54.1	28.2	0.37114	1.27346
	400	59.8	31.1	0.39911	1.28035
	406	60.5	31.5	0.40275	1.28129
	500	72.4	37.3	0.45470	1.29600
	556	79.3	40.7	0.48154	1.30476
	586	83.0	42.5	0.49479	1.30946
	600	84.7	43.4	0.50071	1.31165
	626	87.9	44.9	0.51129	1.31572
	656	91.6	46.6	0.52284	1.32041
	676	94.0	47.8	0.53017	1.32354
	750	103.0	52.0	0.55484	1.33513
	756	104.0	52.4	0.55667	1.33606
	786	107.2	54.1	0.56552	1.34076
	856	115.6	58.0	0.58404	1.35171
	876	118.0	59.1	0.58882	1.35484
	900	121.0	60.4	0.59426	1.35860
	926	123.9	61.9	0.61160	1.35769
	956	127.5	63.7	0.63174	1.35664
	1000	133.0	66.4	0.66149	1.35510
	1056	139.3	69.8	0.69978	1.35314
	1200	156.2	78.5	0.80049	1.34810
	1500	191.0	96.6	1.02184	1.33760
	1656	209.7	105.5	1.08475	1.34568
	1800	227.0	113.5	1.13868	1.35314
	1856	233.3	116.7	1.15864	1.35604
	2000	250.3	124.7	1.20751	1.36350
	2056	256.9	127.8	1.22559	1.36640
	2200	274.1	135.9	1.26983	1.37386
	2500	310.0	152.5	1.35223	1.38940

Appendix 1 - Declared performance:

Performance of the essential characteristics defined by the harmonised technical specification:

	5 Column (Per Section)				
	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K_m	n
Rated thermal output	200	38.4	19.5	0.21098	1.33010
	207	39.7	20.1	0.21866	1.32937
	300	56.2	28.8	0.32360	1.31960
	356	65.4	33.3	0.37221	1.32143
	400	72.4	36.8	0.40920	1.32287
	406	73.3	37.3	0.41417	1.32306
	500	87.7	44.6	0.48986	1.32613
	556	96.2	48.8	0.53321	1.32796
	586	100.7	51.1	0.55595	1.32894
	600	102.7	52.1	0.56645	1.32940
	626	106.6	54.0	0.58577	1.33025
	656	111.0	56.3	0.60779	1.33123
	676	114.0	57.7	0.62230	1.33188
	750	124.8	63.1	0.67491	1.33430
	756	125.7	63.6	0.67910	1.33450
	786	130.0	65.7	0.69992	1.33548
	856	140.0	70.7	0.74751	1.33776
	876	143.0	72.2	0.76086	1.33842
	900	146.4	73.9	0.77675	1.33920
	926	150.1	75.6	0.78923	1.34153
	956	154.4	77.7	0.80320	1.34421
	1000	160.6	80.7	0.82291	1.34815
	1056	168.5	84.4	0.84670	1.35316
	1200	188.8	93.9	0.90162	1.36605
	1500	230.4	113.1	0.99078	1.39290
	1656	251.9	124.4	1.13375	1.38123
	1800	272.0	134.9	1.27534	1.37046
	1856	279.3	139.0	1.33303	1.36627
	2000	299.0	149.6	1.48853	1.35550
	2056	306.7	153.8	1.55189	1.35131
	2200	326.4	164.6	1.72261	1.34054
	2500	367.0	187.4	2.11716	1.31810

Appendix 1 - Declared performance:

Performance of the essential characteristics defined by the harmonised technical specification:

	6 Column (Per Section)				
	Height mm	Output ΔT 50°C watts	Output ΔT 30°C watts	K_m	n
Rated thermal output	200	47.2	24.1	0.27283	1.31720
	207	48.7	24.8	0.28099	1.31752
	300	67.7	34.5	0.38442	1.32180
	356	78.8	40.2	0.45566	1.31706
	400	87.3	44.6	0.51241	1.31333
	406	88.4	45.2	0.52020	1.31283
	500	106.0	54.5	0.64426	1.30487
	556	116.5	60.0	0.72005	1.30013
	586	121.9	62.8	0.76127	1.29759
	600	124.0	64.2	0.78066	1.29640
	626	129.1	66.7	0.81694	1.29420
	656	134.0	69.5	0.85923	1.29166
	676	138.0	71.4	0.88770	1.28997
	750	151.0	78.3	0.99491	1.28370
	756	152.0	78.9	1.00374	1.28319
	786	157.1	81.7	1.04819	1.28065
	856	169.0	88.1	1.15396	1.27473
	876	172.4	90.0	1.18473	1.27303
	900	176.4	92.1	1.22197	1.27100
	926	180.7	94.1	1.22104	1.27738
	956	185.7	96.3	1.21889	1.28474
	1000	193.0	99.5	1.21380	1.29553
	1056	201.9	103.4	1.20433	1.30927
	1200	225.0	113.1	1.16725	1.34460
	1500	270.0	130.8	1.05173	1.41820
	1656	292.5	142.6	1.19116	1.40684
	1800	313.0	153.2	1.32663	1.39636
	1856	320.4	157.3	1.38115	1.39228
	2000	340.0	167.8	1.52623	1.38180
	2056	347.2	171.8	1.58461	1.37772
	2200	366.0	182.0	1.73995	1.36724
	2500	403.0	202.9	2.08914	1.34540